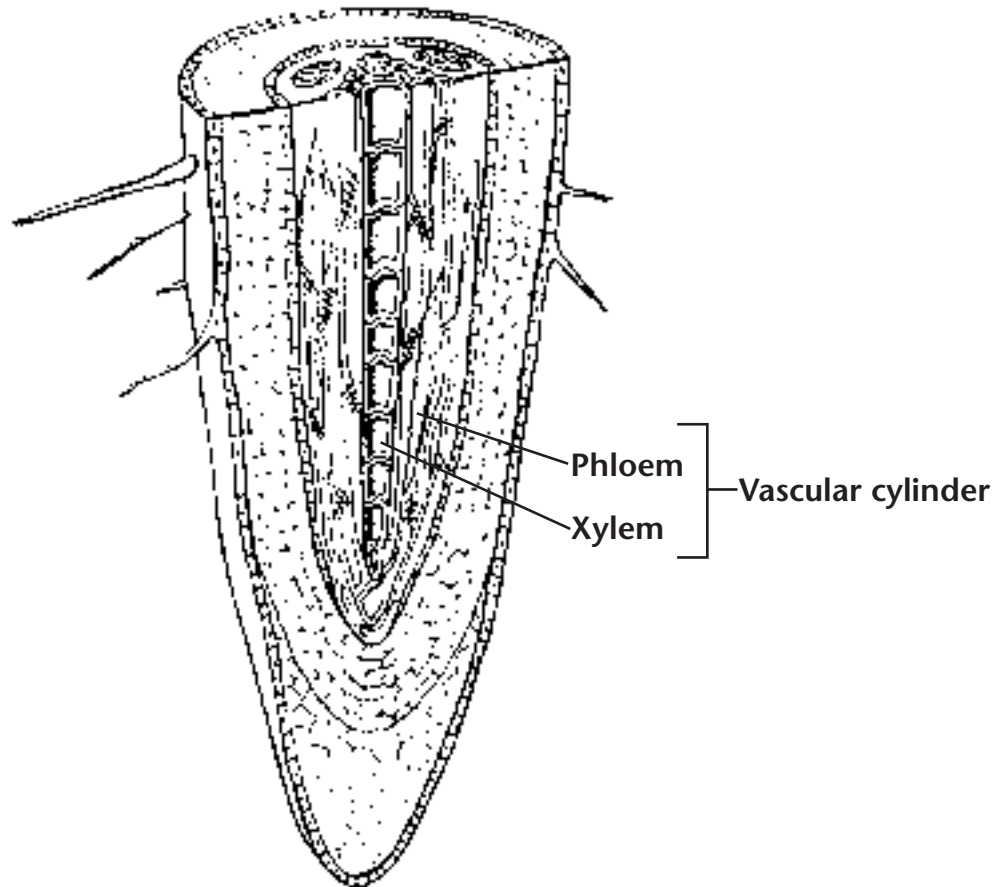


Root Structure

Plant roots are made up of a vascular cylinder surrounded by ground tissue and the epidermis. The epidermis protects the root and absorbs water. The spongy layer of ground tissue just inside the epidermis is called the cortex. The vascular cylinder includes xylem and phloem.

Color the epidermis blue. Color the vascular cylinder red. Color the cortex brown.



Use the diagram to answer the questions. Circle the correct answer.

1. What type of tissue makes up the epidermis?

dermal vascular

2. What type of tissue is located at the tip of the root?

vascular meristematic